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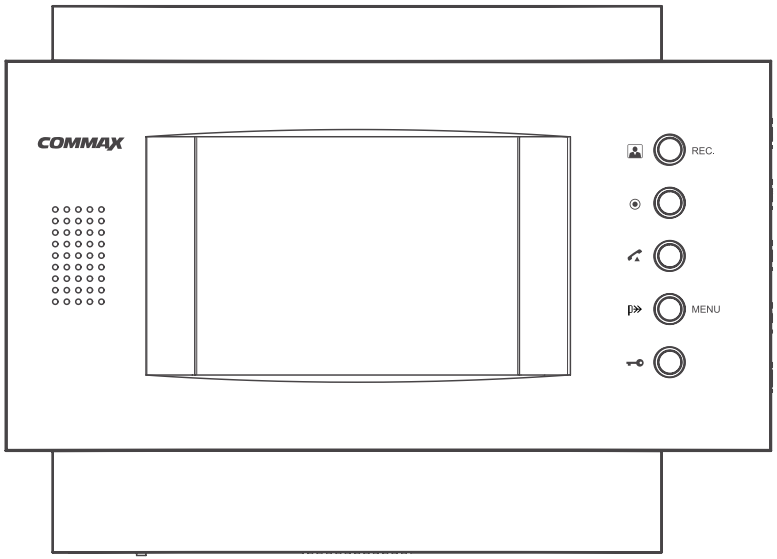
# VIDEO DOOR PHONE

**Model No. CDV-50AM**




COMMAX Co.,Ltd.

- Thank you for purchasing our COMMAX product.
- Please carefully read this User's Guide (in particular, precautions for safety) before using the product and follow the instructions to use your productexactly.
- The company is not responsible for any safety accidents caused in abnormal operation of the product.

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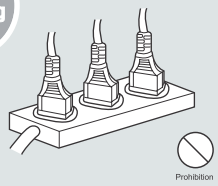
# Warnings and caution

**◎ Make sure to follow the instructions to prevent any danger or property losses.**

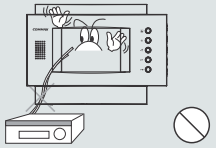
**Warning** Death or serious injury is expected.

- It indicates prohibition.
- It indicates prohibition of disassembly.
- It indicates prohibition of contact.
- It indicates dos and don'ts.
- It indicates that the plug should be pulled out from the socket.

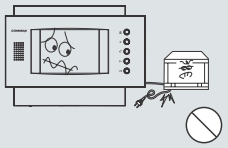
## Warning



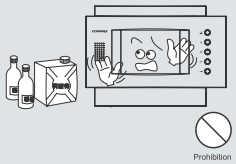

**Do not put the plug in the socket simultaneously.**
It may generate abnormal heat or cause a fire.



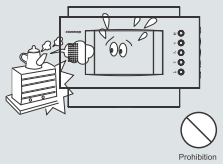

**Do not connect to other products while in use.**
It may cause breakdown.



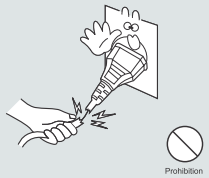

**Do not forcibly bend the cord or put a heavy object on the product.**
It may cause a fire.



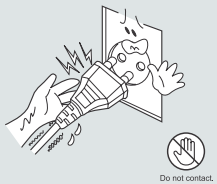

**Do not use water, thinner or a detergent used to wash oil products when you wash the exterior.**
Make sure to wash it by using a dry cloth to prevent any breakdown or electric shock.



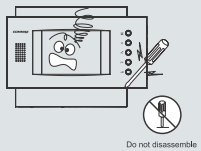

**Do not install the product in a humid place.**
It may cause an electric shock or a fire.



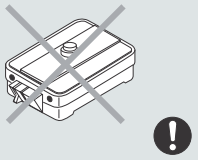

**Do not forcibly pull out the cord from the socket.**
If the cord is damaged, it may cause a fire or an electric shock.




**Do not put the plug in the socket with a wet hand.**
It may cause an electric shock.




**Do not disassemble, repair or modify the product.**
It may cause a fire, an electric shock or an injury due to malfunction of the product.



**Do not use AC circuit breaker.**
It may cause an electric shock.

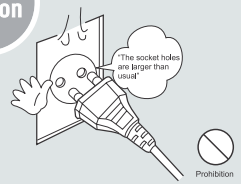


Warnings and caution

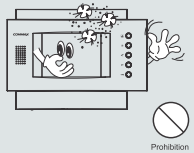
**Caution** An injury or property losses are expected

- It indicates prohibition.
- It indicates prohibition of disassembly.
- It indicates prohibition of contact.
- It indicates dos and don'ts.
- It indicates that the plug should be pulled out from the socket.

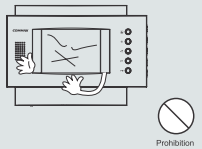
## Caution



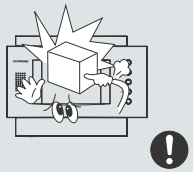

**If the socket holes are larger than normal, do not put the plug.**
It may cause an electric shock or a fire.



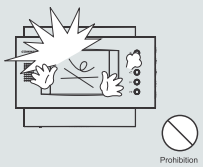

**Make sure that dust or foreign substances are not gathered on the product.**



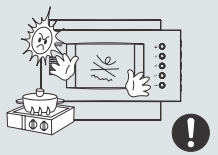

**Make sure to prevent foreign substances from entering the product.**
It may cause a breakdown.



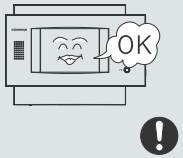
**Do not put a heavy object on the product.**
It may cause a breakdown.



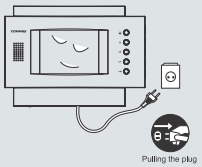

**Do not disassemble or give an impact to the product.**



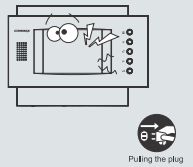
**Avoid direct rays of the sun or heating devices at a time of installation.**




**Install the product in a flat and stable place.**
Otherwise, it may not function properly.

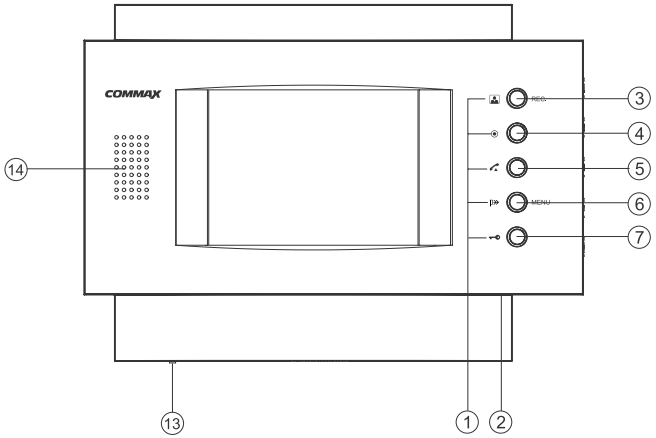


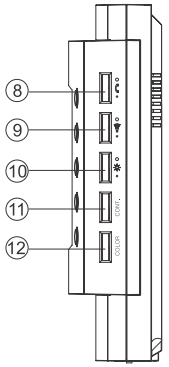

**Pull the plug if the product is not used for a long time.**

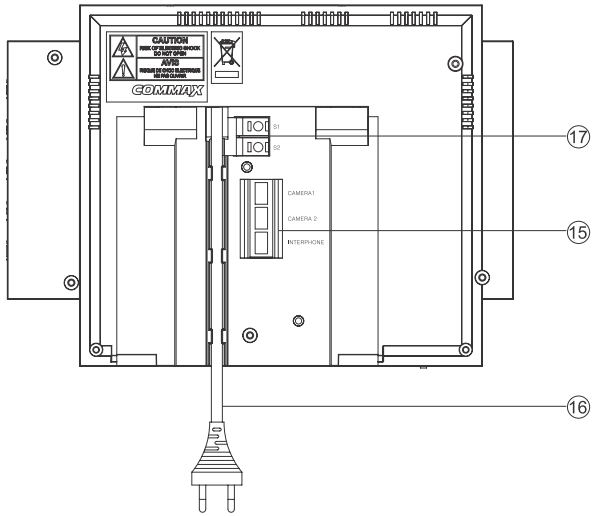



**If the product generates strange sound, make sure to pull the plug immediately and contact Commax service center.**

# 1. Table of Contents




| No. | Function | No. | Function | No. | Function |
|---|---|---|---|---|---|
| 1 | Status LED | 7 | Door Open Button | 13 | Power Switch |
| 2 | MIC | 8 | Volume control dial for conversation | 14 | Speaker |
| 3 | Monitoring(REC) Button | 9 | Ring Volume Adjust dial | 15 | Camera Connection Terminal |
| 4 | Interphone Call Button | 10 | Brightness Adjust dial | 16 | Power Cord |
| 5 | Call Button | 11 | Contrast control | 17 | N/A |
| 6 | Priority Call/(MENU) Button | 12 | Hue control dial | | |



* Volume control dial for conversation: Allows user to control incoming voice to handset.
* Ring Volume Adjust dial: Allows user to adjust the volume of the ring tone
* Brightness Adjust dial: Allows user to adjust the brightness of the screen
* Contrast control dial: Allows user to contrast the screen.
* Hue control dial: Allows user to adjust the hue of the screen

# 2. Features

## Product Operating Methods

### ● Visitor Calls

1. A call from a visitor is established when the " Call Button " door camera is pressed. The chime sound will then ring from the monitor, and the image of the visitor will be displayed on the screen.
2. Once the visitor is displayed on the monitor, pressing the " "Button will allow conversation with the visitor. (Maximum conversation duration is 90 seconds)
3. Press the " " Button again to end the conversation and the monitor screen will return to standby mode.
4. Pressing the " "Button will release the door for the visitor.

### ● Interphone Calls

1. Pressing the Interphone Button on the monitor will make a call to the interphone unit. When a call is being made from the interphone unit, pressing the Call Button will receive the call.
2. When making a call from the interphone unit to CDV-50AM, a Beep will sound.
3. During conversation between the monitor and interphone units, and a call arrives from another visitor from the door camera unit, it is possible for 3-way conversation between the monitor, interphone and door camera units.

### ● Monitoring

1. Pressing the " REC. "Button on the monitor will display the image of the according door camera unit that has been connected with the monitor. The camera view will be displayed for an interval of one minute.
2. If 2 door cameras have been connected with the monitor, pressing the Monitor Button on the monitor repeatedly will toggle between the views of both door camera units displayed on the monitor screen.

● MENU **Priority Calling**

When there is impeding noise that disturbs conversation from the door camera, pressing and holding the “PTT” button will deliver only the voice of the speaker from the CDV-50AM to the door camera unit to help clarify speech.

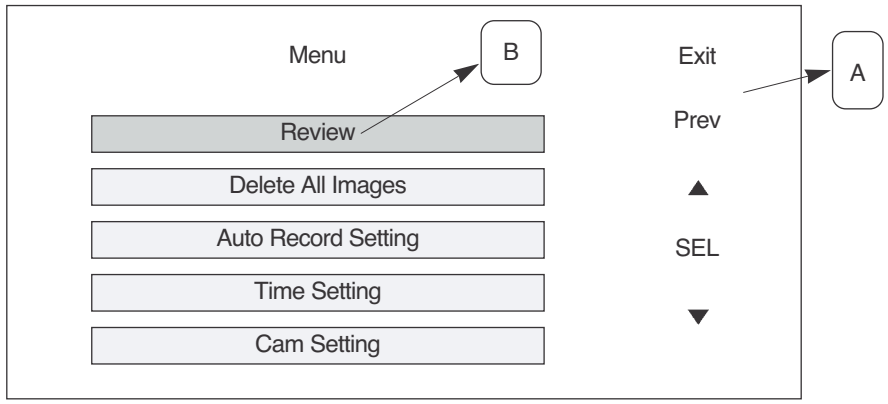
# 3. Entrance Image Saving & Setup

### 1. Entrance Image Saving

While in monitoring mode, holding the “Monitor Button (REC)” for 2 seconds will display the words “Record” on the top left of the screen. At this time, 1 image cut of the entrance screen will be taken.

### 2. Review Function Setup

While in standby mode, pressing and holding the “PTT Button” for 2 seconds will display the menu screen as shown in the picture below.




Picture 1. Main menu

The picture seen above shows the main menu used to access and setup image memory.

**Note :**

① The five functions listed under “A” correspond to the product’ s buttons positioned on the monitor. (i.e. “Exit” → “Monitoring Button”, “Prev” → “Interphone Button”, and the “UP arrow key” → the “Call Button”, etc.)

② The five menu options are under “B” navigated by functions under “A”

### 2-1 Review

While in review mode, the screen will show the image of the camera as displayed in the example below. At this time, the buttons/options on the right side of the screen will appear.

Picture 2. Review

Note :

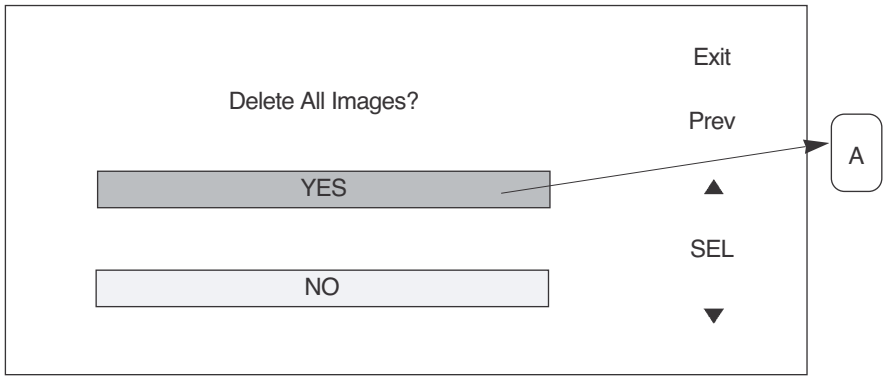
① If no image has been saved, then the “No Image” message will be appear.

Note :

② The five functions listed under “A” correspond to the product’ s buttons positioned on the monitor. (i.e. “Hide” → “Monitoring Button”, “Prev” → “Interphone Button”, and the “UP arrow key” → the “Call Button”, etc.)

### 2-2 Delete All Image

The “Delete All Image” option will erase all saved images.

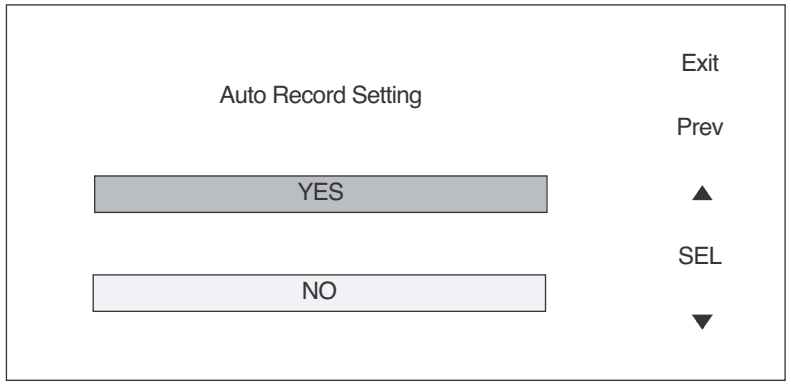



Picture 3 Delete Image

Note : When deleting all images, the screen shown in Picture 3 will appear
to confirm erasing all images.

### 2-3 Auto Record Setting

This is to set “auto record” mode to take a visitor’ s image when the user is away.



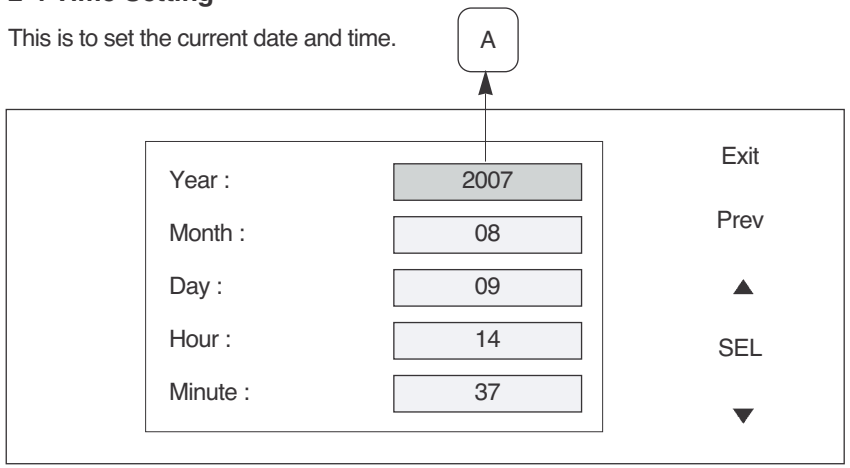

Picture 4 Auto record setting

Note : Setting the Auto Record function visitor will program the monitor to take
1 image cut of a visitor, whenever there is a call from the entrance unit.

A maximum of 128cuts can be recorded. If more than 128 cuts are taken,
then the cut(1/128) will be deleted sequentilly

### 2-4 Time Setting

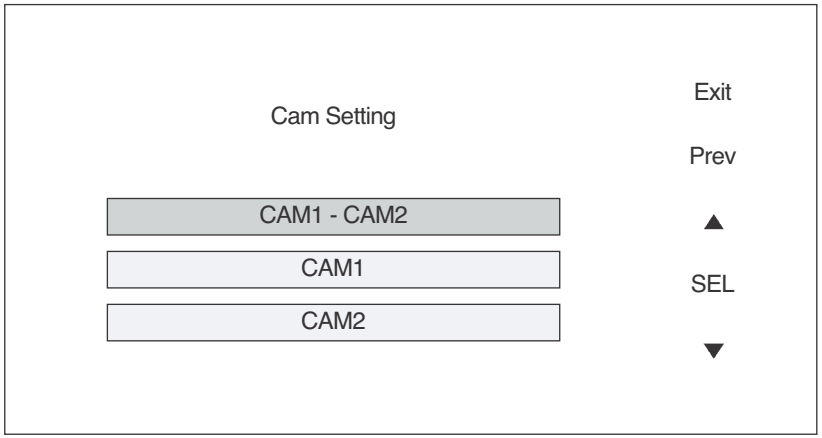
This is to set the current date and time.




Picture 5 Time Setting

### 2-5 Cam Setting

This is to set which camera is to activate.

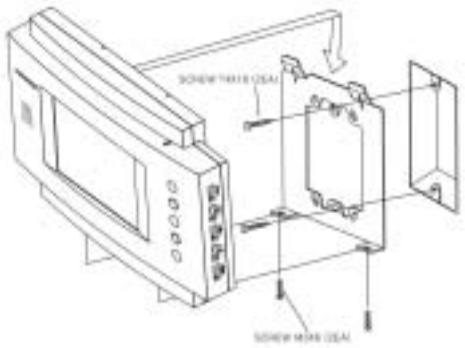



Picture 6 Cam Setting

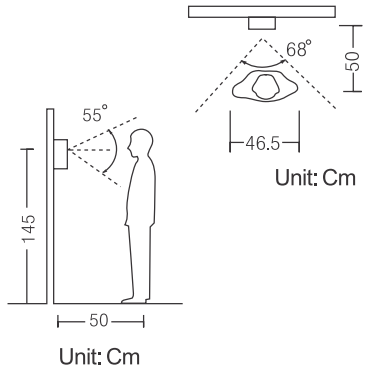
i.e.) As shown in Picture 6 above, if CAM 1 is selected, calls cannot be received
from CAM 2 and monitoring cannot occur as well.

## 4. Installation & Final Instructions

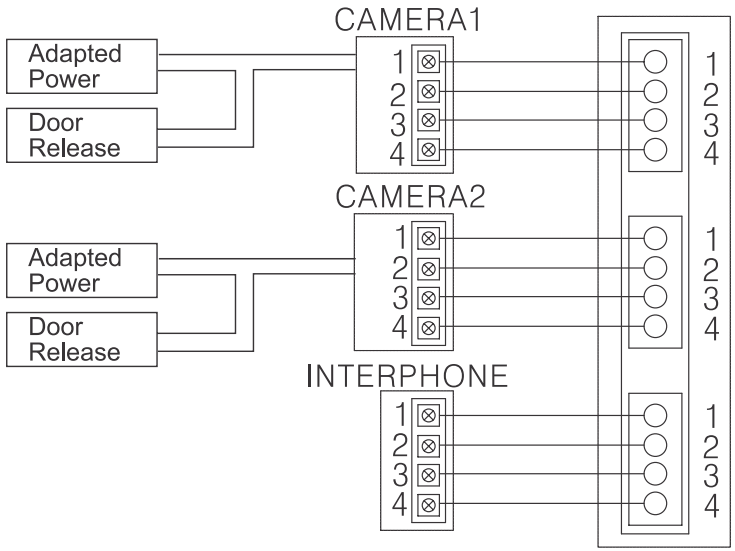
1. Monitor Installation



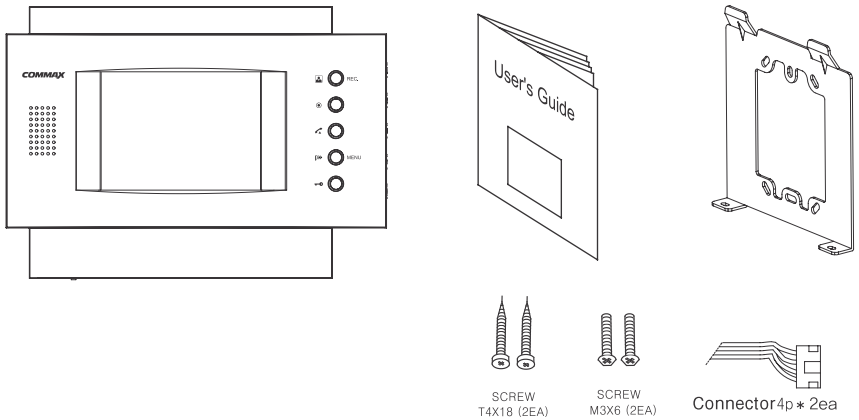
2. Standard Height of Monitor



* Wiring & Terminal Configuration




## 5. Parts List




## 6. Specifications

| Spec. \ Model | CDV-50AM |
|---|---|
| Wiring | CAMERA 4-wires, INTERPHONE 4-wires |
| Power Voltage | AC 100-240V 50/60Hz (FREE VOLTAGE) |
| Power Consumption CDV-50A | Maximum : 20W, Standby : 7W |
| Image Recording | 128Cut |
| Call Method | HANDS FREE Calling (Voice Switch circuit) |
| Equipment Specs | 5” COLOR TFT-LCD |
| Call sound | Electric chime : So, Mi, Do (twice)<br>Interphone : “Beep” |
| Image Duration | Standby : 60 sec, Call: 90 sec |
| Call Distance | Entrance : 50m (0.65mm)<br>Interphone : 20m (0.65mm) |

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